

INTERNATIONAL SEARCH REPORT

International Application No

GB2004/002815

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N1/20 C12P19/14 C07H3/06 A61K31/70 A61P1/04
//C12N1:20,C12R1:01

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C12P C07H A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BOUQUELET, S. ET AL.: "Primary structure of ten galactosides formed by transglycosylation during lactose hydrolysis by Bifidobacterium bifidum" CARBOHYDR. RES., vol. 201, 1990, pages 115-123, XP002307221 cited in the application	1,2,6,7, 10,14, 18,19
Y	the whole document	8,9, 11-13, 16,17, 20,21
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

24 November 2004

Date of mailing of the international search report

07/12/2004

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tional Application No

1/GB2004/002815

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>DUMORTIER V ET AL: "PURIFICATION AND PROPERTIES OF A BETA-D-GALACTOSIDASE FROM BIFIDOBACTERIUM BIFIDUM EXHIBITING A TRANSGALACTOSYLATION REACTION" BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, ACADEMIC PRESS, US, vol. 19, no. 19, 1994, pages 341-354, XP002902258 ISSN: 0885-4513 the whole document</p> <p>-----</p>	<p>8,9, 11-13, 16,17, 20,21</p>
Y	<p>WO 01/90317 A (JOERGENSEN FLEMMING ; ARLA FOODS AMBA (DK); HANSEN OLEN CAI (DK); STOU) 29 November 2001 (2001-11-29) the whole document</p> <p>-----</p>	<p>8,9, 11-13, 16,17, 20,21</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0190317	A	29-11-2001	
		AU 6206801 A	03-12-2001
		WO 0190317 A2	29-11-2001
		EP 1283876 A2	19-02-2003
		JP 2003534007 T	18-11-2003
		NZ 522623 A	31-10-2003
		US 2003162280 A1	28-08-2003
		US 2002086358 A1	04-07-2002